High School to College and Career Pathway: Post-Secondary

Area of Study: Information Technology Education   **Pathway:** Programming/Software Development

Region: Central	**District:**	**School:**	**College/Institution: Snow College**
Contact Person: Leon W. Stewart		**Ph.#: (435) 893-2214**	Articulation Agreement in place? Yes
E-mail: leon.stewart@snow.edu		**Date: 3/6/07**	**Name of Degree or Certificate: Associate of Applied Science Programming Emphasis**

High School				College		
Course Number	**High School Suggested Academic Courses**	**H.S. Credit**	**College Credits**	**Course Number**	**College General Education Requirements**	**College Credits**
CIS 1010	Intro to Computers	.50	3	CIS 1010	Intro to Computers	3
ENGL 1010	English 1010	.50	3	ENGL 1010	Introduction to Writing	3
MATH 1050	College Algebra	.50	4	MATH 1050	College Algebra	4
				BMGT 1170	Human Relations	3

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. ***Note: *= concurrent   ^= distant ** dual enrollment***

High School to College and Career Pathway: Post-Secondary

Area of Study: Information Technology Education   **Pathway:** Programming/Software Development

High School				College		
Course CIP #	**CTE Pathway Courses (credits for completion)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**College Credits**
Course #	**Introductory Course: (preferred)**	Credit				
11.0101	Information Technology, Introduction	.50				
	Foundation Courses: (2.50 credits required)					
52.0417	Computer Technology	.50				
11.0201	Computer Programming I	1.00				
11.0202	Computer Programming II	1.00				
	Elective Courses:					
11.9920	A+ (Computer Maintenance)	1.00				
11.0301	Database Development I	1.00				
11.0210	Multimedia I: Design & Development	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
	Additional Articulated Classes					
	The following classes are available to high school students on the Snow College Richfield Campus or an outreach program in some districts within the Central Region.					
				BUED 2500	Database for Business	3
				CIS 1080	Introduction to Information Technology	3
CIS 1050	Logical Analysis and Programming	.50	3	CIS 1050	Logical Analysis and Programming	3
CIS 1121	PC Hardware	.50	3	CIS 1121	PC Hardware	3
CIS 1122	PC Operating Systems	.50	3	CIS 1122	PC Operating Systems	3
CIS 1811	Website Development	.50	3	CIS 1811	Website Development	3
CIS 2520	Programming Language – C++	.50	3	CIS 2520	Programming Language – C++	3
CIS 1501	Programming Language Visual Basic	.50	3	CIS 1501	Programming Language Visual Basic	3
				CIS 2530	Java Programming	3
					Choose 2 Courses from the following	**6**
CIS 1140	*Networking Essentials (3.0)*	.50	3	CIS 1140	Networking Essentials (3)	
				CIS 1401	Network Administration (Client/Server) (3)	
				CIS 1402	Network Administration (Server Administration) (3)	

					Credit hours required from the following elective courses	17
				ACOM 1110	Electronic Imaging (3)	
				ACOM 1111	Design I (3)	
				BMGT 1010	Introduction to Business (3)	
				BMGT 1210	Personal Finance (3)	
				BMGT 1270	Sales and Customer Service (3)	
				BMGT 2050	Business Law (3)	
				BMGT 2150	Business Ethics (3)	
				BMGT 2650	Principles of Management (3)	
				BUED 1100	Keyboarding Basics (1)	
				BUED 1420	Word Processing (3)	
				BUED 1500	Computer Illustration for Business (3)	
				BUED 2400	Spreadsheets for Business (3)	
				BUED 2420	Desktop Publishing (3)	
				CIS 1801	Web Page Design (3)	
				CIS 1820	Web Site Application Develop (3)	
				CIS 1999	Cooperative Education (1-6)	
				CIS 2531	Programming Language – Java/Java Script (3)	
				DRFT 1300	Basic AutoCAD (3)	
				DRFT 1310	Advanced AutoCAD (4)	
TOTAL Potential Credits Earned in High School			**31**	**TOTAL Credits Required for Degree or Certificate**		**63**

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See your individual school for specific program offering. ***Note: *= concurrent   ^= distant   ** dual enrollment***